

kreutzer.ST25.txt
SEQUENCE LISTING

<110> Kreutzer, Caroline
Hans, Stephan
Rieping, Mechthild
Mockel, Bettina
Pfefferle, Walter
Eggeling, Lothar
Sahm, Hermann
Patek, Miroslav

<120> L-Lysine-Producing Corynebacterium and Process for the Preparation
of L-Lysine

<130> 21123/278409

<140> 09/801,321

<141> 2001-03-08

<160> 16

<170> PatentIn version 3.0

<210> 1

<211> 795

<212> DNA

<213> Corynebacterium glutamicum

<220>

<221> misc_feature

<222> (1)..(795)

<223> DNA upstream of dapB

<220>

<221> -35_signal

<222> (774)..(779)

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aaagaggcgg aaaccacaag cgccaaggaa ctactgcgga acgggcggtg aagggaact	660
taagtctcat atttcaaaca tagttccacc tgtgtgatta atccctagaa cggaacaaac	720
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Glu Gly Ser Arg Gly Ala Ser Val Asp Gly Ile Pro Val His Ala Val
175 180 185

cgc atg tcc ggc atg gtt gct cac gag caa gtt atc ttt ggc acc cag 1465
Arg Met Ser Gly Met Val Ala His Glu Gln Val Ile Phe Gly Thr Gln
190 195 200 205

ggt cag acc ttg acc atc aag cag gac tcc tat gat cgc aac tca ttt 1513
Gly Gln Thr Leu Thr Ile Lys Gln Asp Ser Tyr Asp Arg Asn Ser Phe
210 215 220

gca cca ggt gtc ttg gtg ggt gtg cgc aac att gca cag cac cca ggc 1561
Ala Pro Gly Val Leu Val Gly Val Arg Asn Ile Ala Gln His Pro Gly
225 230 235

cta gtc gta gga ctt gag cat tac cta ggc ctg taaaggctca tttcagcagc 1614
Leu Val Val Gly Leu Glu His Tyr Leu Gly Leu
240 245

gggtggaatt ttttaaaagg agcgttttaa ggctgtggcc gaacaagtta aattgagcgt 1674
ggagttgata gcgtgcagtt cttttactcc acccgctgat gttgagtggc caactgatgt 1734
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35 40 45

Glu Val Val Val Asp Phe Thr Thr Pro Asn Ala Val Met Gly Asn Leu
50 55 60

Glu Phe Cys Ile Asn Asn Gly Ile Ser Ala Val Val Gly Thr Thr Gly
65 70 75 80

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Phe Asp Asp Ala Arg Leu Glu Gln Val Arg Asp Trp Leu Glu Gly Lys
85 90 95

Asp Asn Val Gly Val Leu Ile Ala Pro Asn Phe Ala Ile Ser Ala Val
100 105 110

Leu Thr Met Val Phe Ser Lys Gln Ala Ala Arg Phe Phe Glu Ser Ala
115 120 125

Glu Val Ile Glu Leu His His Pro Asn Lys Leu Asp Ala Pro Ser Gly
130 135 140

Thr Ala Ile His Thr Ala Gln Gly Ile Ala Ala Ala Arg Lys Glu Ala
145 150 155 160

Gly Met Asp Ala Gln Pro Asp Ala Thr Glu Gln Ala Leu Glu Gly Ser
165 170 175

Arg Gly Ala Ser Val Asp Gly Ile Pro Val His Ala Val Arg Met Ser
180 185 190

Gly Met Val Ala His Glu Gln Val Ile Phe Gly Thr Gln Gly Gln Thr
195 200 205

Leu Thr Ile Lys Gln Asp Ser Tyr Asp Arg Asn Ser Phe Ala Pro Gly
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<222> (1)..(79)

<223> dapA wild type promoter

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40